

CORRES. CONTROL  
OUTGOING LTR. NO.

DOE ORDER # 4700.1

03-RF-00903

DIST.	LTR	ENC
DIETER, T.		
FERRERA, D.W.		
FERRI, M.S.		
LINDSAY, D.		
LYLE, J.		
MARTINEZ, L. A.		
PARKER, A.		
POWERS, K.		
SHELTON, D.C.		
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N. R.		
AGUILAR, P.		
ALBIN, C.		
AUBLE, M.		
BEAN, C.		
BUTLER, J. L.	X	X
CERCLA AR (T130G)		
DECK, C.		
FREIBOTH, C.		
GEIS, A.		
GIBBS, F.		
HUMISTON, T.		
KNAPP, S.		
LARSON, E.		
MARSCHALL, J.R.		
MARTIN, D.		
MYERS, K.		
NESTA, S.	X	X
NININGER, R.		
OLIVER, R.		
OMAN, K.		
PLAPPERT, R.		
PRIMROSE, A.	X	X
ROSENMAN, A.		
SNYDER, D.P.		
THOMPSON, J.		
WIEMELT, K.	X	X
WILLIAMS, L.		
DEMOS, N.	X	X
BROUSSARD, M.	X	X
NORTH, K.	X	X
SCHLAGEL, D.	X	X
CORRES. CONTROL	X	X
ADMIN RECD/T130G	X	X
TRAFFIC		
PATS/130		



June 16, 2003

03-RF-00903

Mr. Joe Rau  
NEPA Compliance Officer  
DOE, RFFO

TRANSMITTAL OF THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)  
DOCUMENTATION FOR REMEDIATION, INDUSTRIAL D&D, AND SITE  
SERVICES (RISS) – JLB-057-03

Attached is a draft categorical exclusion for the subject project. Kaiser-Hill NEPA staff recommends that this project be categorically excluded from further NEPA documentation requirements. A draft Categorical Exclusion Determination is included for your review and an electronic copy of the draft determination has been made available to you.

Please provide a final NEPA determination for this project at your earliest convenience.

If you have any questions or need additional information, please contact Annette Primrose at extension 4385, or Marla Broussard at extension 6007.

*Karen A Wiemelt For*

J. Lane Butler  
Manager, Environmental Restoration Programs

JLB:dm

Orig. and 1 cc – Joe Rau

Enclosures:  
As Stated

▲  
JUN 2003  
RECEIVED  
RECORDS CENTER

CLASSIFICATION:

UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE  
Date:

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:

☐ PARTIAL/OPEN ☐ CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:  
SMN:pvt

Kaiser-Hill Company, L.L.C.

Courier Address: Rocky Flats Environmental Technology Site, State Hwy. 93 and Cactus, Rocky Flats, CO 80007 • 303.966.7000  
Mailing Address: P.O. Box 464, Golden, Colorado 80402-0464

ADMIN RECOR:  
SW-A-004813  
BZ-A-000598

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**DOE NEPA REGULATIONS SUBPART D**  
**CATEGORICAL EXCLUSION (CX) DETERMINATION - RFFO/CX00-03**

**Proposed Action:** Removal of concrete washout, remnants of the former incinerator building, and associated debris.

**Location:** Rocky Flats Environmental Technology Site, Golden, CO. The concrete washout area and the former incinerator building are located in the Buffer Zone, on the south-facing hillside of the drainage south of and adjacent to the west access road, between Highway 93 and the industrial area.

**Proposed by:** U.S. Department of Energy Rocky Flats Field Office (DOE, RFFO)

**Description of the Proposed Action:**

The Rocky Flats Field Office (RFFO) plans to remove concrete washout and remnants of the former incinerator building. About 2,000 to 3,000 cubic yards of concrete will be removed. The site will be sampled, and concrete and other debris will be removed and managed according to the final waste characterization. Much of the concrete washout is found in a monolithic slab that will be mechanically broken and removed. Broken concrete and associated debris and wastes will also be removed, and properly managed and disposed.

**Categorical Exclusion to be Applied:**

**B6. Categorical Exclusions Applicable to Environmental Restoration and Waste Management Activities**

B6.1 Small-scale, short-term cleanup actions, under RCRA, Atomic Energy Act, or other authorities, less than approximately 5 million dollars in cost and 5 years duration, to reduce risk to human health or the environment from the release or threat of release of a hazardous substance other than high-level radioactive waste and spent nuclear fuel, including treatment (e.g., incineration), recovery, storage, or disposal of wastes at existing facilities currently handling the type of waste involved in the action. These actions include, but are not limited to:

- (a) Excavation or consolidation of contaminated soils or materials from drainage channels, retention basins, ponds, and spill areas that are not receiving contaminated surface water or wastewater, if surface water or groundwater would not collect and if such actions would reduce the spread of, or direct contact with, the contamination;
- (b) Removal of bulk containers (for example, drums, barrels) that contain or may contain hazardous substances, pollutants, contaminants, CERCLA-excluded petroleum or natural gas products, or hazardous wastes (designated in 40 CFR part 261 or applicable state requirements), if such actions would reduce the likelihood of spillage, leakage, fire, explosion, or exposure to humans, animals, or the food chain;
- (c) Removal of an underground storage tank including its associated piping and underlying containment systems in compliance with RCRA, subtitle I; 40 CFR part 265, subpart J; and 40 CFR part 280, subparts E and G if such action would reduce the likelihood of spillage, leakage, or the spread of, or direct contact with, contamination;
- (d) Repair or replacement of leaking containers;
- (e) Capping or other containment of contaminated soils or sludges if the capping or containment would not affect future groundwater remediation and if needed to reduce migration of hazardous substances,

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pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products into soil, groundwater, surface water, or air;

(f) Drainage or closing of man-made surface impoundments if needed to maintain the integrity of the structures;

(g) Confinement or perimeter protection using dikes, trenches, ditches, diversions, or installing underground barriers, if needed to reduce the spread of, or direct contact with, the contamination;

(h) Stabilization, but not expansion, of berms, dikes, impoundments, or caps if needed to maintain integrity of the structures;

(i) Drainage controls (for example, run-off or run-on diversion) if needed to reduce offsite migration of hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum or natural gas products or to prevent precipitation or run-off from other sources from entering the release area from other areas;

(j) Segregation of wastes that may react with one another or form a mixture that could result in adverse environmental impacts;

(k) Use of chemicals and other materials to neutralize the pH of wastes;

(l) Use of chemicals and other materials to retard the spread of the release or to mitigate its effects if the use of such chemicals would reduce the spread of, or direct contact with, the contamination;

(m) Installation and operation of gas ventilation systems in soil to remove methane or petroleum vapors without any toxic or radioactive co-contaminants if appropriate filtration or gas treatment is in place;

(n) Installation of fences, warning signs, or other security or site control precautions if humans or animals have access to the release; and

(o) Provision of an alternative water supply that would not create new water sources if necessary immediately to reduce exposure to contaminated household or industrial use water and continuing until such time as local authorities can satisfy the need for a permanent remedy.

#### **Justification:**

The purpose of the project is to remove concrete and buried debris, and ship it off-Site or manage it on-Site as appropriate. The former incinerator site will be sampled and wastes managed properly according to the waste type. As cited in CX B.6.1, the action will lead to the excavation or consolidation of contaminated soils or materials, and will reduce the spread of, or direct contact with, the contamination. Surface water or groundwater will be protected during this process. The action may also, as applicable, lead to the removal of bulk containers (for example, drums, barrels) that contain or may contain hazardous substances, pollutants, contaminants, CERCLA-excluded petroleum or natural gas products, or hazardous wastes (designated in 40 CFR part 261 or applicable state requirements), and will reduce the likelihood of spillage or leakage of contaminants, and eventual exposure to humans, animals, or the food chain. The cleanup activities will be conducted after consultation with Site ecologists, and in compliance with specified mitigative measures designed to prevent adverse affects to environmentally sensitive resources.

The cleanup action will cost less than approximately five million dollars and last less than five years in duration.

In addition, in accordance with 10 CFR 1021.410(b), the project (a) fits within the class of actions listed in Appendix B of Subpart D of 10 CFR 1021, (b) exhibits no extraordinary circumstances that may affect the significance of its environmental effects, and (c) is not "connected" (per 40 CFR 1508.25[a][1]) to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts (per 40 CFR 1508.25[a][2]), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

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Further, in accordance with 10 CFR 1021, Subpart D, Appendix B, the project would not (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive Orders, (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; or (4) adversely affect environmentally sensitive resources.

**I have determined that the proposed action meets the requirements for a categorical exclusion as defined in Subpart D of 10 CFR 1021. Therefore, I approve the categorical exclusion of the proposed action from further NEPA review and documentation.**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

RFFO NEPA Compliance Officer

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